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NiceZyme View of ENZYME: EC 5.1.1.16

Official Name	
Protein-serine epimerase.	
Alternative Name(s)	
Protein-serine racemase.	
Reaction catalysed	
[Protein] -L-serine <=> [protein] -D-serine	
Comments	
<ul style="list-style-type: none">The enzyme specifically interconverts the configuration of Ser-46 of the peptide omega-agatoxin-KT, found in the venom of the funnel web spider, Agelenopsis aperta, but not that of the other serine residue, Ser-28.	
Cross-references	
BRENDA	5.1.1.16
EMP/PUMA	5.1.1.16
WIT	5.1.1.16
KYOTO UNIVERSITY LIGAND CHEMICAL DATABASE	5.1.1.16
IUBMB Enzyme Nomenclature	5.1.1.16
MEDLINE	Find literature relating to 5.1.1.16

View entry in original ENZYME format

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Release 31, May 2003, and updates up to 18-Jun-2003

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5.1.1.16

Protein-serine epimerase.
(AN: Protein-serine racemase.)

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